

CLAIMS

1. A display apparatus comprising:

a first designation device for designating a display sphere of an input picture when picture data exceeding a display resolution of said display apparatus are input; and

a picture display device for extracting picture data in the display sphere of the input picture data to display the extracted picture data.

2. The display apparatus according to claim 1, wherein said first designation device stores a display sphere of a picture beforehand.

3. The display apparatus according to claim 1, wherein said first designation device continuously changes a display sphere of a picture that said first designation device designates.

4. The display apparatus according to claim 1, said apparatus further comprising a first memory device for storing picture data, wherein:

said first memory device stores picture data in a display sphere of a picture designated by said first designation device in input picture data, and

said display device displays the stored picture data.

5. The display apparatus according to claim 1, wherein:

said first designation device designates a display starting position of a display sphere of a picture and

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a display ending position of the display sphere, and

said picture display device displays picture data in a sphere from the display starting position to the display ending position of input picture data.

5 6. The display apparatus according to claim 1, wherein:

said first designation device designates a display sphere of a picture in a vertical direction, and

10 said picture display device displays picture data in the display sphere in the vertical direction.

7. The display apparatus according to claim 1, wherein:

said first designation device designates a display sphere of a picture in a horizontal direction, and

15 said picture display device displays picture data in the display sphere in the horizontal direction.

8. The display apparatus according to claim 1, wherein:

20 said first designation device designates a display starting coordinate and a display ending coordinate of a picture to be displayed, and

25 said picture display device counts a number of pieces of synchronization of a synchronization signal indicating input timing of picture data, and displays input picture data in a case where the number of pieces of synchronization is in a sphere from the starting coordinate to the ending coordinate.

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9. The display apparatus according to claim 1,
wherein:

said first designation device designates a display
starting position, and

5 said picture display device displays picture data
in a sphere in which the picture data can be displayed
from the display starting position.

10 10. A picture generation apparatus, comprising:
a second designation device for designating a
position of picture data to be output to which generated
picture data is affixed, and

15 a second memory device for storing the generated
picture data at an address corresponding to the designated
position, said second memory device outputting stored
picture data in a predetermined sphere.

11. The picture generation apparatus according to
claim 10, wherein said second designation device beforehand
stores a position of the picture data to be output to which
the generated picture data are affixed.

20 12. The picture generation apparatus according to
claim 10, wherein said second designation device
continuously changes the position to which the generated
picture data are affixed.

25 13. The picture generation apparatus according to
claim 10, wherein said second memory device sets data at
parts other than a part where the generated picture data
are affixed in the picture data to be output to be

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14. The picture generation apparatus according to claim 10, said apparatus further comprising:

10 15. A communication apparatus comprising the
display apparatus according to claim 1.

17. A communication apparatus comprising the
15 picture generation apparatus according to claim 14.

displaying input picture data when the number of pieces of synchronization is in a sphere from the starting coordinate to the ending coordinate.

designating a position of picture data to be output

to which generated picture data are affixed; and

affixing the generated picture data to the picture data to be output in conformity with said designation.

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